

**Abstract** *Abstract: The disclosed gas sensor and the use thereof.*  
**Gas Sensor And The Use Thereof**

A gas sensor is disclosed having first and second sensor regions reacting to at least one reactive exhaust gas constituent and having a catalytic agent for  
 5 converting reactive exhaust gas constituents with a higher catalytic activity in the first sensor region. An especially precise and nonetheless fast measurement of the lambda value that is broadband should be allowed even given what is an unfavorable signal-to-noise ratio due to external interference. To this end, the first sensor region comprises pores in which traces of at least one catalytically active substance are  
 10 present as catalytic agent.

Figure 2